Applicant: Atul K. Puri et ocket No.: 07844-594001 / P547

Serial No.: 10/619,740 : July 14, 2003 Filed

Page 2 of 13

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

(Currently Amended) A method for configuring at least a portion of a document for 1. display in a display environment, the method including:

generating a document color palette for all or a portion of an electronic document, the colors of the document color palette being selected based on colors of a plurality of color containing objects in the document or portion thereof; and

generating a plurality of views of the document for display in a single display environment, two or more of the views being based on different color palettes, the plurality of views including a document view and an object view, the document view including each of the plurality of color containing objects, each color containing object in the document view being represented using the document color palette, and the object view including one of the plurality of color containing objects,

wherein a display of the document view in the display environment involves rendering the color containing objects in the document view using the document color palette, and

wherein a display of the object view in the display environment involves rendering the one color containing object in the object view being represented using an object color palette associated with the object view.

- (Original) The method of claim 1, further comprising: 2. associating the document color palette with the document or document portion.
- (Original) The method of claim 1, wherein: 3.

generating the document color palette includes selecting a set of colors based on selection factors and colors in the plurality of color containing objects.

Attorney ocket No.: 07844-594001 / P547

Applicant: Atul K. Puri et Serial No.: 10/619,740
Filed: July 14, 2003

Page : 3 of 13

4. (Original) The method of claim 3, wherein:

the selection factors include at least one of most used colors in the plurality of color containing objects, colors common to the plurality of objects, and a set of substitutable colors.

- 5. (Original) The method of claim 1, wherein generating a document color palette includes: creating a bitmap of the document or portion thereof; and reducing the colors of the bitmap to generate the document color palette.
- 6. (Original) The method of claim 5, wherein:
 reducing the number of colors of the bitmap includes selecting a subset of colors of the
 bitmap, the subset being selected based on the number of colors supported in the display
 environment.
- 7. (Original) The method of claim 6, wherein the bitmap includes N colors and the subset of colors includes M colors, where M<N.
- 8. (Original) The method of claim 1, further comprising:
 rendering the document or document portion in the display environment using the
 document view.
- 9. (Original) The method of claim 1, wherein the objects include at least one graphics object and at least one text object, each text object including one or more characters of text.
- 10. (Previously Presented) The method of claim 1, wherein generating a plurality of views of the document includes:

generating an object view of one or more of the plurality of graphics objects in an electronic document, each object view being based on a corresponding object color palette of the corresponding graphics object, each object color palette including a set of colors optimized for

ocket No.: 07844-594001 / P547

Applicant: Atul K. Puri et a

Serial No.: 10/619,740 Filed

: July 14, 2003

Page

4 of 13

the corresponding graphics object.

(Original) The method of claim 10, further comprising: generating an object color palette for each of the one or more of the plurality of graphics objects.

- 12. (Original) The method of claim 10, further comprising: storing the object views in the electronic document, each object view being associated with a corresponding document view.
- (Original) The method of claim 1, wherein the plurality of views includes two different 13. document views, each document view based on a different document color palette.
- (Currently Amended) A method for rendering an image in a display environment, the 14. method including:

receiving an electronic document including multiple views for each of a plurality of graphics objects of the electronic document, the multiple views being based on different color palettes, the multiple views for rendering in a single display environment, a first view for each graphics object being based on a color palette for the graphics object and the second view for each graphics object being based on a document color palette for an associated portion of the electronic document; and

rendering the portion of the electronic document according to the second view of each of the plurality of graphics objects.

(Original) The method of claim 14, further-comprising: 15. receiving input selecting a graphics object in the electronic document; and rendering the selected graphics object according to the first view of the selected graphics object.

Applicant: Atul K. Puri et a ocket No.: 07844-594001 / P547

Serial No.: 10/619,740 Filed : July 14, 2003 : 5 of 13

Page

16. (Original) The method of claim 14, wherein the portion of the electronic document includes at least one text object, each text object including one or more characters of text and associated color content, the method further comprising:

rendering the at least one text object using the document color palette for the portion of the electronic document.

17. (Currently Amended) A method for configuring at least a portion of a document for display in a display environment, the method including:

receiving an electronic document including multiple graphics objects; and generating a display document including multiple views of each of the multiple graphics objects, the multiple views for display in a single display environment, each view of the multiple views based on a different color palette and representing a different portion of the electronic document.

18. (Currently Amended) A computer program product, tangibly stored on a computerreadable medium, for configuring at least a portion of a document for displaying in a display environment, the product comprising instructions operable to cause a computer system to:

generate a document color palette for all or a portion of an electronic document, the colors of the document color palette being selected based on colors of a plurality of color containing objects in the document or portion thereof; and

generate a plurality of views of the document for display in a single display environment, two or more of the views being based on different color palettes, the plurality of views including a document view and an one object view, the document view including each of the plurality of color containing objects, each color-containing object in the document view being represented using the document color palette, and the object view including one of the plurality of color containing objects,

wherein a display of the document view in the display environment involves rendering the color containing objects in the document view using the document color palette, and wherein a display of the object view in the display environment involves rendering the Applicant: Atul K. Puri et a ocket No.: 07844-594001 / P547

Serial No.: 10/619,740 : July 14, 2003 Filed Page : 6 of 13

one color containing object in the object view being represented using an object color palette associated with the object view.

19. (Original) The computer program product of claim 18, further comprising instructions operable to cause a computer system to:

associate the document color palette with the document or document portion.

20. (Original) The computer program product of claim 18, wherein the instructions operable to cause a computer system to generate the document color palette include instructions operable to cause a computer system to:

select a set of colors based on selection factors and colors in the plurality of color containing objects.

21. (Original) The computer program product of claim 20, wherein:

the selection factors include at least one of most used colors in the plurality of color containing objects, colors common to the plurality of objects, and a set of substitutable colors.

(Original) The computer program product of claim 18, wherein the instructions operable 22. to cause a computer system to generate a document color palette include instructions operable to cause a computer system to:

create a bitmap of the document or portion thereof; and reduce the colors of the bitmap to generate the document color palette.

23. (Original) The computer program product of claim 22, wherein instructions operable to cause a computer system to reduce the number of colors of the bitmap include instructions operable to cause a computer system to:

select a subset of colors of the bitmap, the subset being selected based on the number of colors supported in the display environment.

ocket No.: 07844-594001 / P547 Applicant: Atul K. Puri et a

Serial No.: 10/619,740 Filed : July 14, 2003 : 7 of 13

Page

24. (Original) The computer program product of 23, wherein the bitmap includes N colors and the subset of colors includes M colors, where M<N.

25. (Original) The computer program product of claim 18, further comprising instructions operable to cause a computer system to:

render the document or document portion in the display environment using the document view.

- (Original) The computer program product of claim 18, wherein the objects include at 26. least one graphics object and at least one text object, each text object including one or more characters of text.
- (Original) The computer program product of claim 18, wherein the instructions operable 27. to cause a computer system to generate a plurality of views of the document include instructions operable to cause a computer system to:

generate an object view of one or more of the plurality of graphics objects in an electronic document, each object view being based on a corresponding object color palette of the corresponding graphics object, each object color palette including a set of colors optimized for the corresponding graphics object.

28. (Original) The computer program product of claim 27, further comprising instructions operable to cause a computer system to:

generate an object color palette for each of the one or more of the plurality of graphics objects.

(Original) The computer program product of claim 27, further comprising instructions 29. operable to cause a computer system to:

store the object views in the electronic document, each object view being associated with a corresponding document view.

Applicant: Atul K. Puri et al. Attorney's Docket No.: 07844-594001 / P547

Serial No.: 10/619,740 Filed: July 14, 2003

Page : 8 of 13

30. (Original) The computer program product of claim 18, wherein the plurality of views includes two different document views, each document view based on a different document color palette.

31. (Currently Amended) A computer program product, tangibly stored on a computerreadable medium, for configuring at least a portion of a document for displaying in a display environment, the product comprising instructions operable to cause a computer system to:

receive an electronic document including multiple views for each of a plurality of graphics objects of the electronic document, the multiple views being based on different color palettes, the multiple views for displaying in a <u>single</u> display environment, a first view for each graphics object being based on a color palette for the graphics object and the second view for each graphics object being based on a document color palette for an associated portion of the electronic document; and

render the portion of the electronic document according to the second view of each of the plurality of graphics objects.

32. (Original) The computer program product of claim 31, further comprising instructions operable to cause a computer system to:

receive input selecting a graphics object in the electronic document; and render the selected graphics object according to the first view of the selected graphics object.

33. (Original) The computer program product of claim 31, wherein the portion of the electronic document includes at least one text object, each text object including one or more characters of text and associated color content, the computer program product further comprising instructions operable to cause a computer system to:

render the at least one text object using the document color palette for the portion of the electronic document.

Applicant: Atul K. Puri et a. Attorney Socket No.: 07844-594001 / P547

Serial No.: 10/619,740 Filed: July 14, 2003

Page : 9 of 13

34. (Currently Amended) A computer program product, tangibly stored on a computerreadable medium, for configuring at least a portion of a document for displaying in a display environment, the product comprising instructions operable to cause a computer system to:

receive an electronic document including multiple graphics objects; and generate a display document including multiple views of each of the multiple graphics objects, the multiple views for displaying in a <u>single</u> display environment, each view of the multiple views based on a different color palette and representing a different portion of the electronic document.

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record.

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:
BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
☐ FADED TEXT OR DRAWING
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
☐ GRAY SCALE DOCUMENTS
☐ LINES OR MARKS ON ORIGINAL DOCUMENT
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
OTHER:

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.